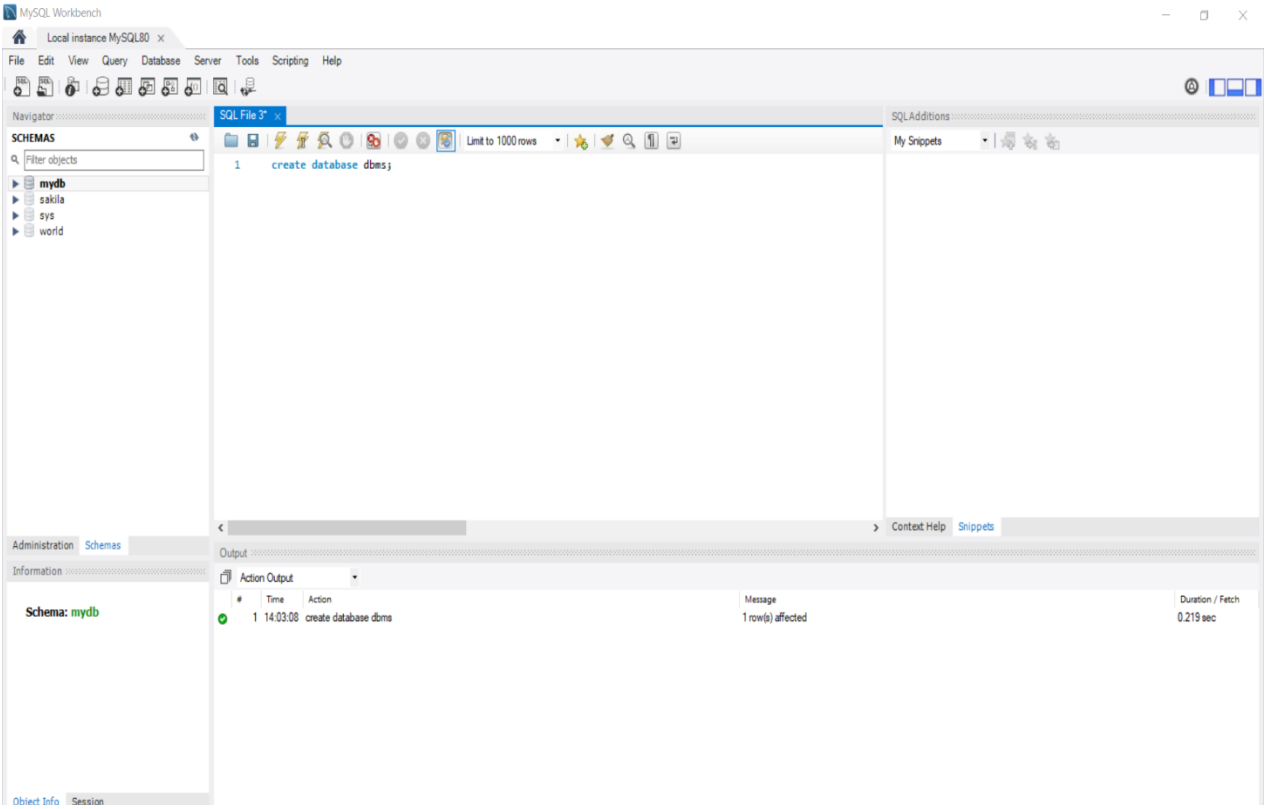
DBMS ASSIGNMENT 3

1. Show to how to create and drop database:

Query: create database dbms;

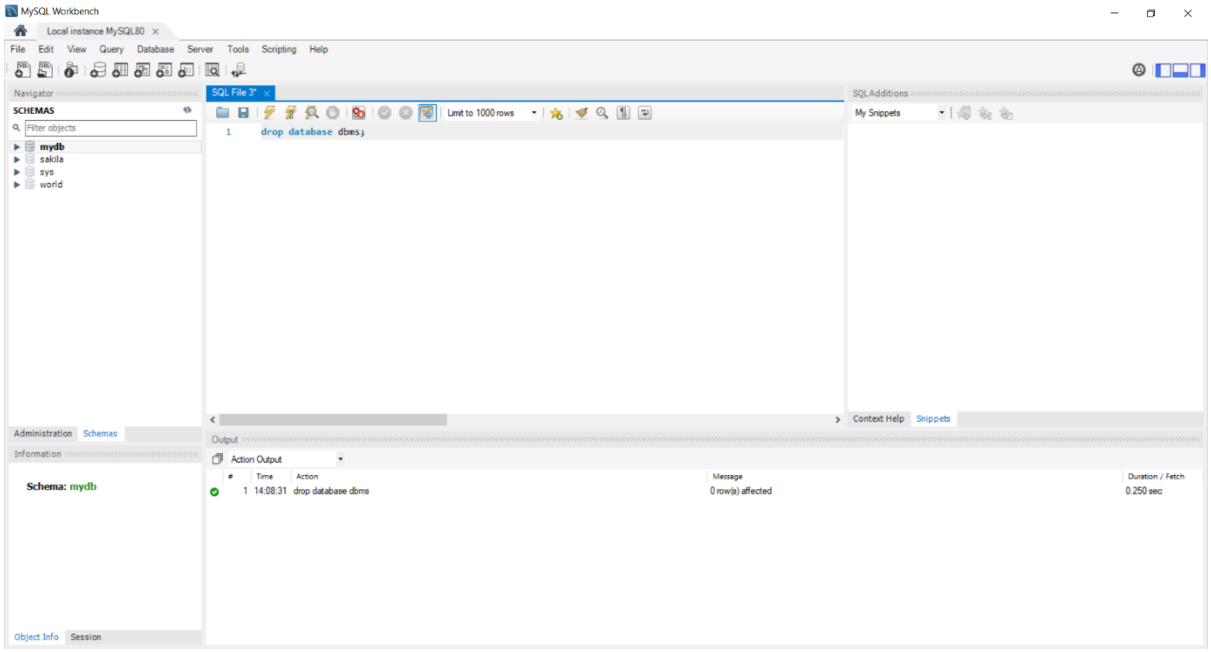
Output:



Drop database:

Query: drop database dbms;

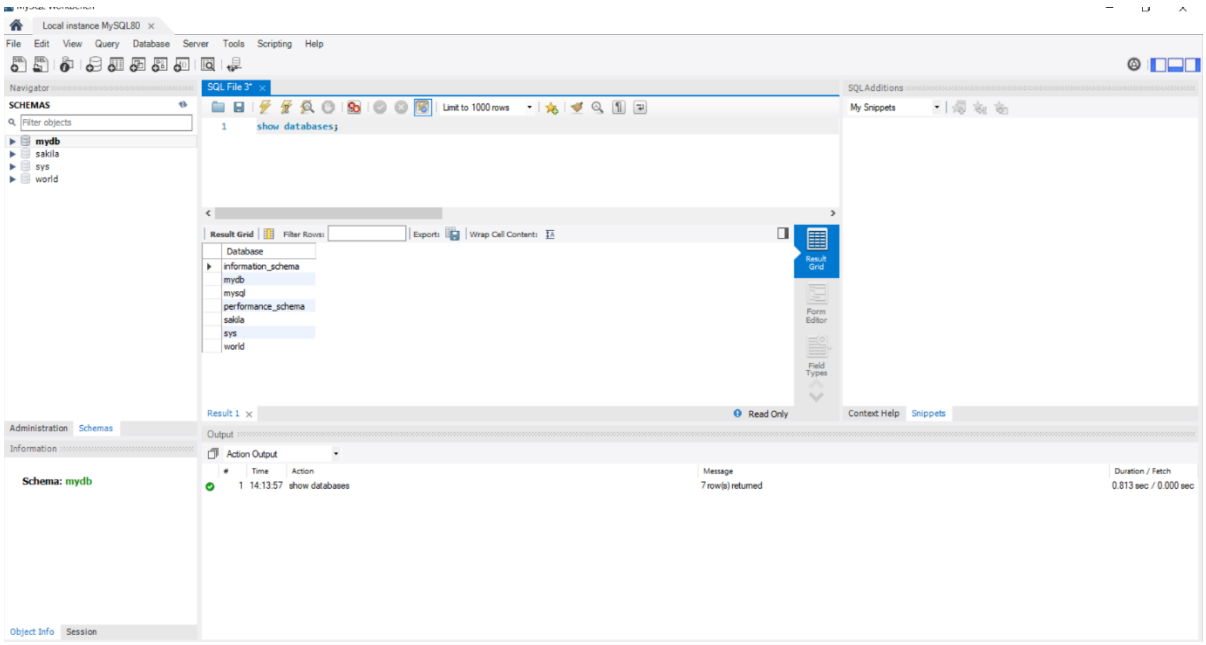
Output:



2. **show all the databases:**

Query: show databases;

Output:

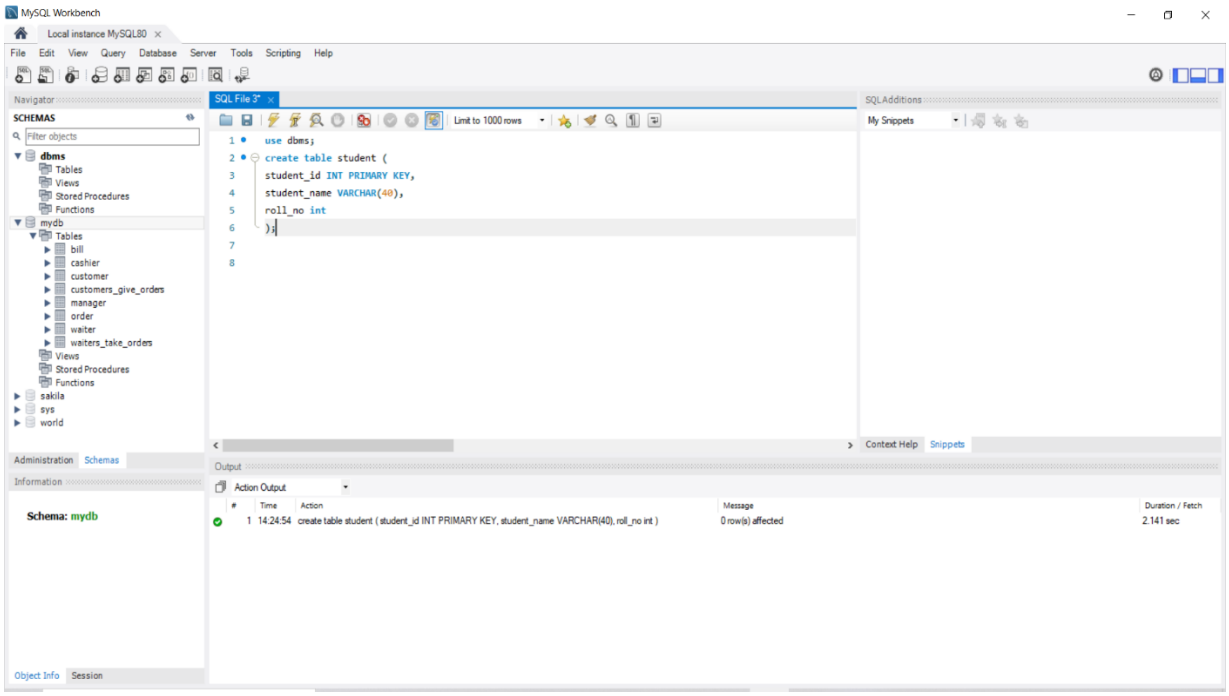


3. **create table for your database:**

Query:

```
use dbms;
create table student (
student _id INT PRIMARY KEY,
student _name VARCHAR(40),
roll_ no INT
);
```

Output:

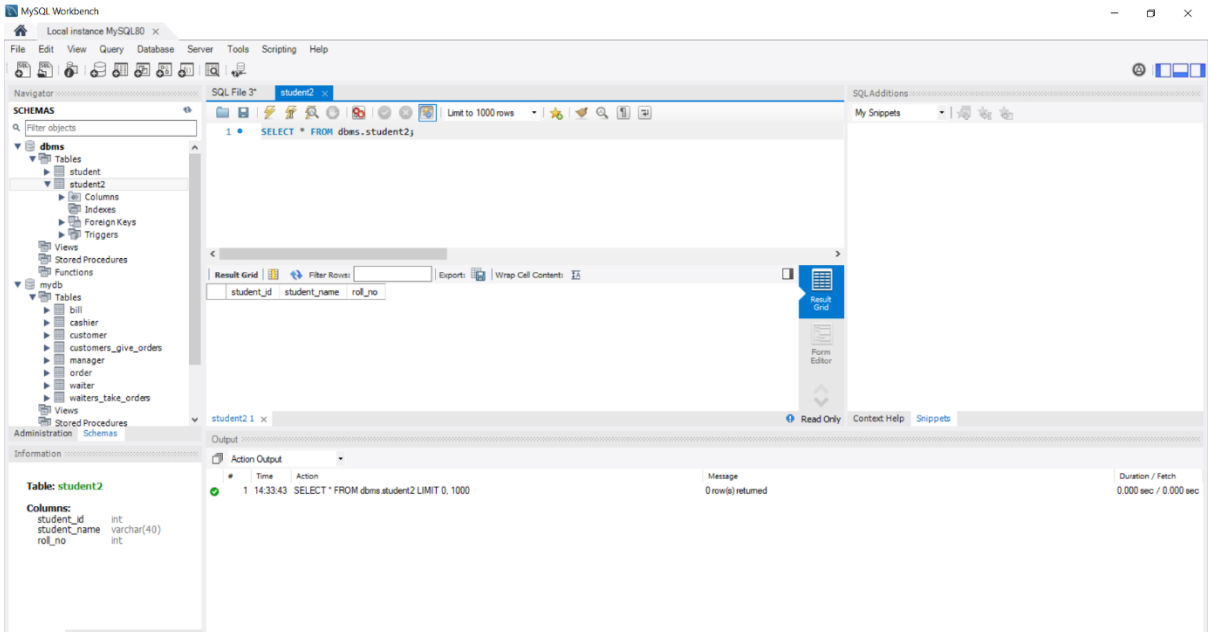


4**. show how select can be used for selecting table:**

Query:

```
create table student2 as select student _id, student _name,  roll _no
from student;
```

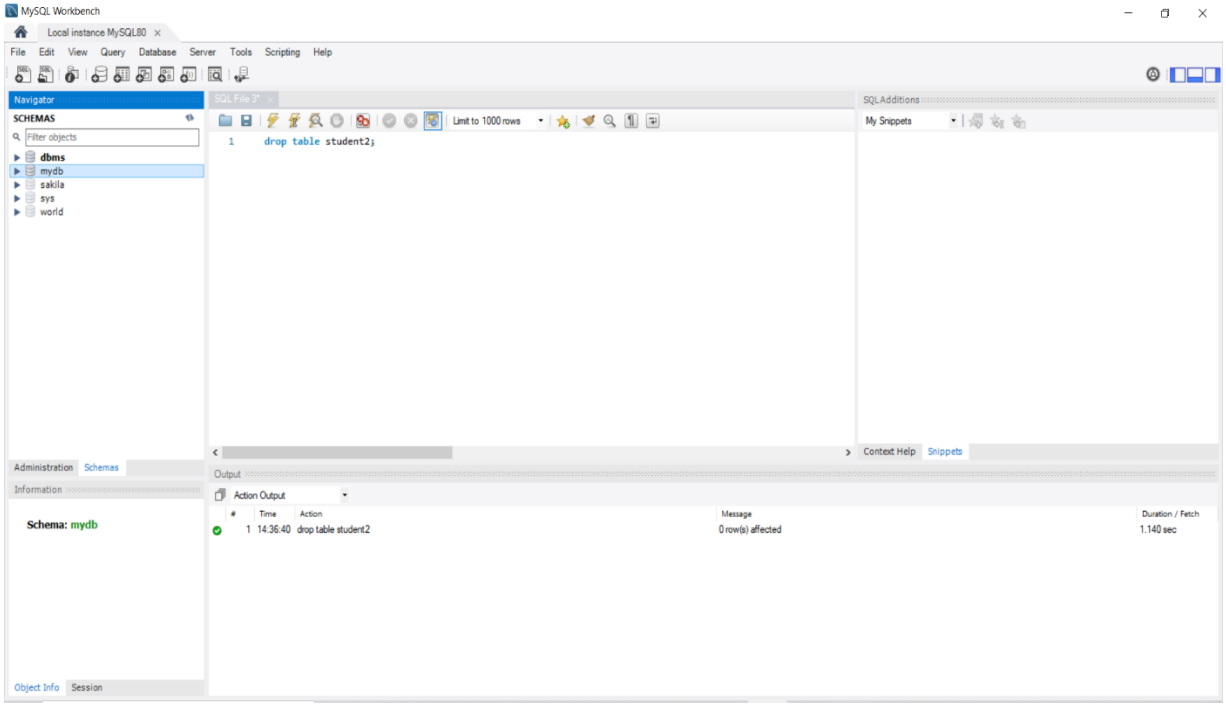
output:



5. **Drop table:**

Query: drop table student2;

Output:



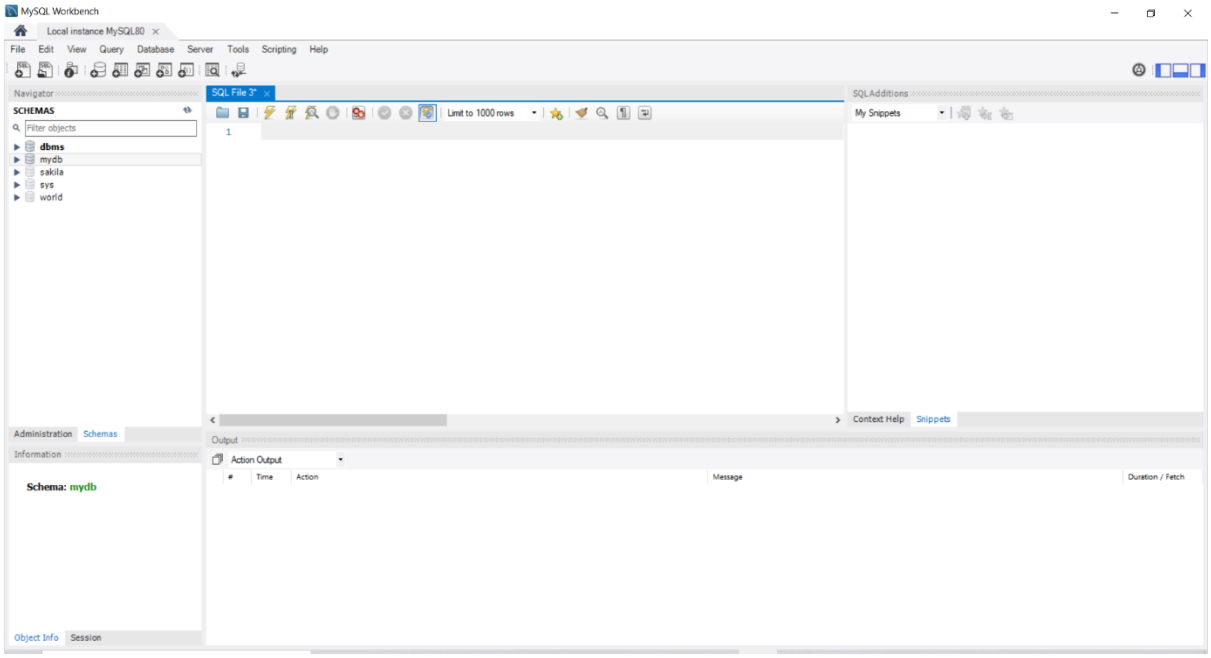
6. show how to check the schema of the tables:

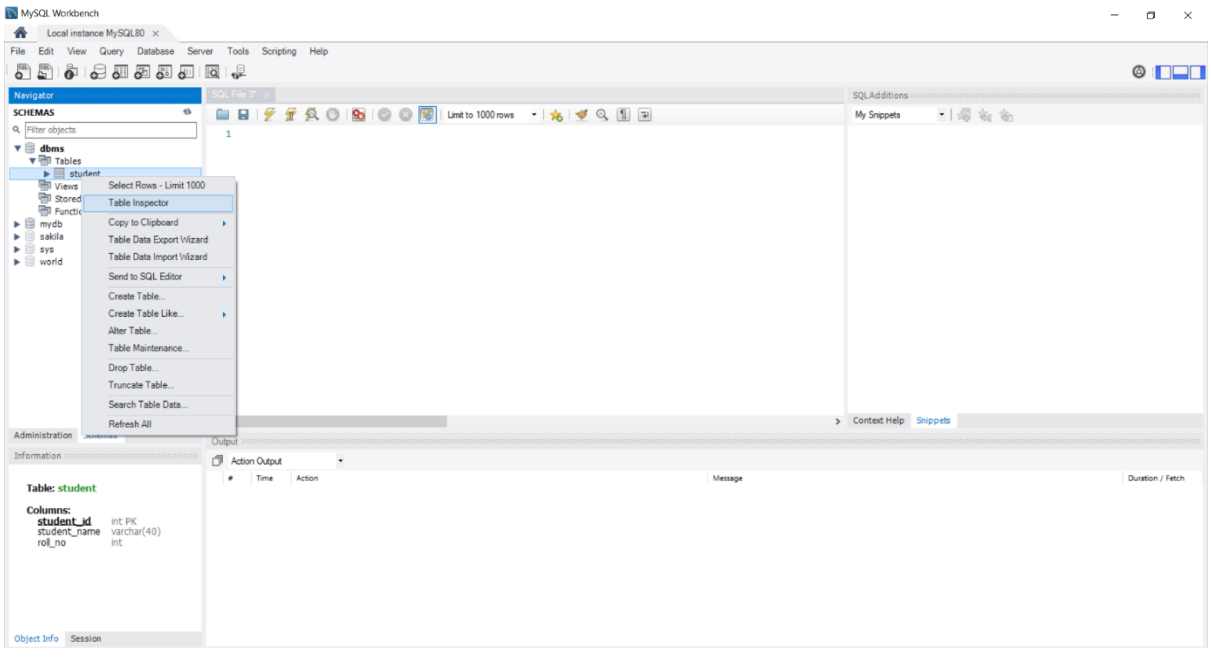
a. on the left side of the panel click on any of the schemas of the workbench.

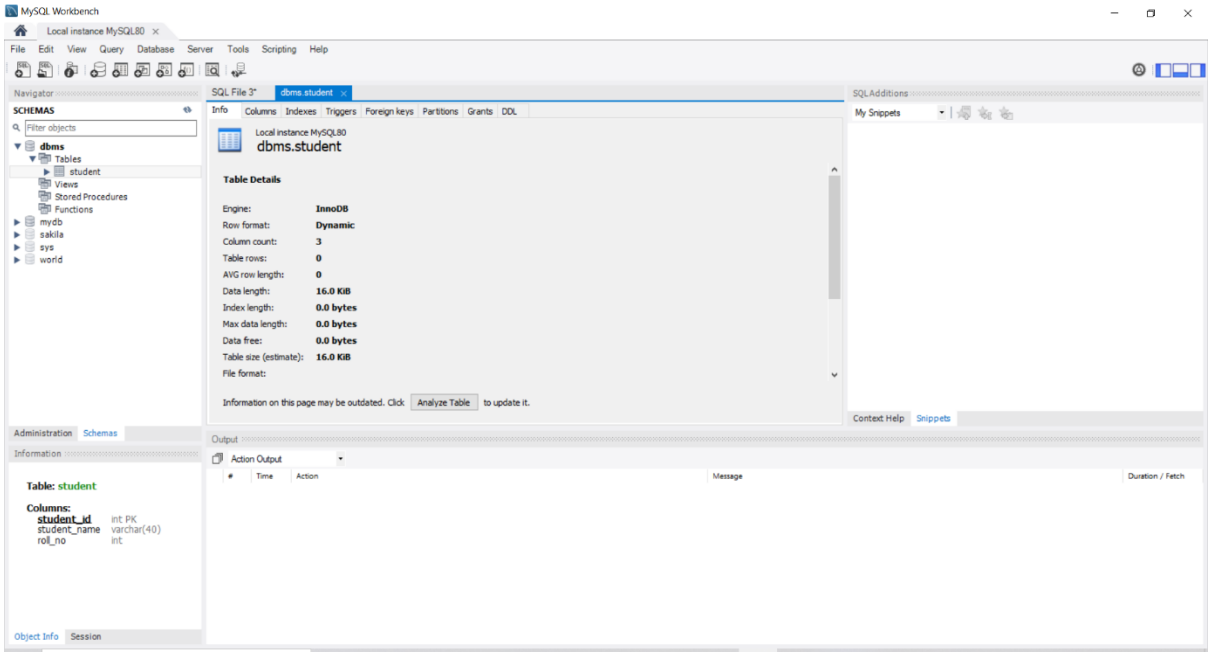
b. Then right click on any of the table.

c. Now click on table inspector.

d. now we can check the schemas of the tables.



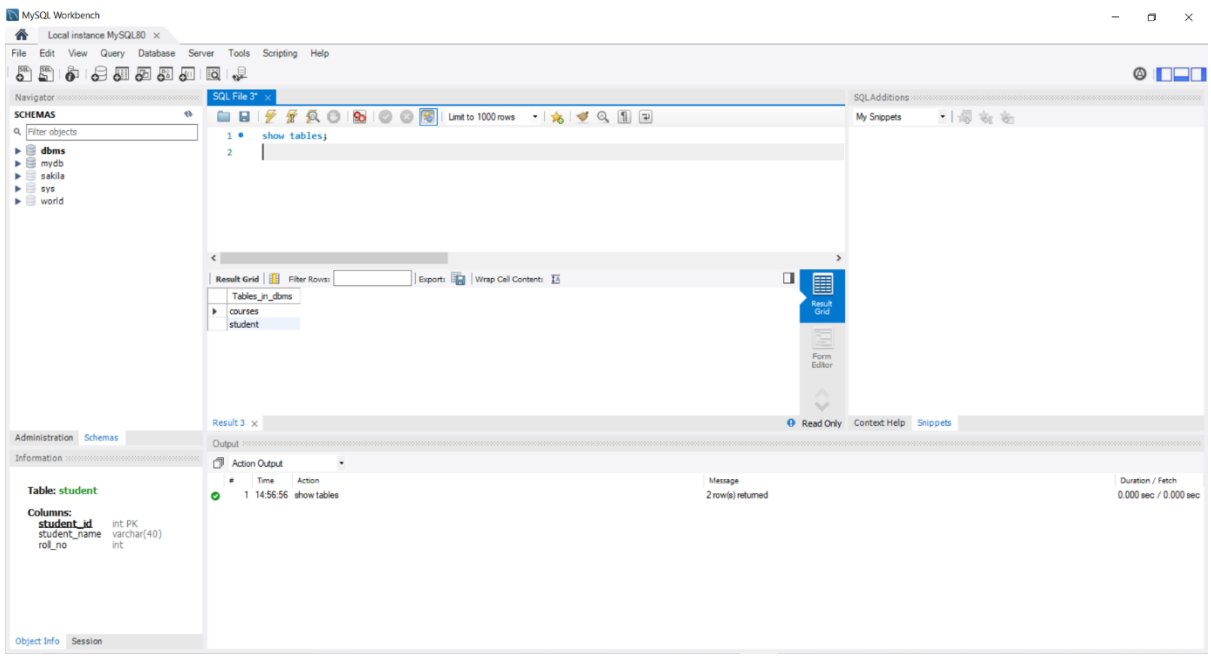




7. Show all the tables from the database:

Query: show tables;

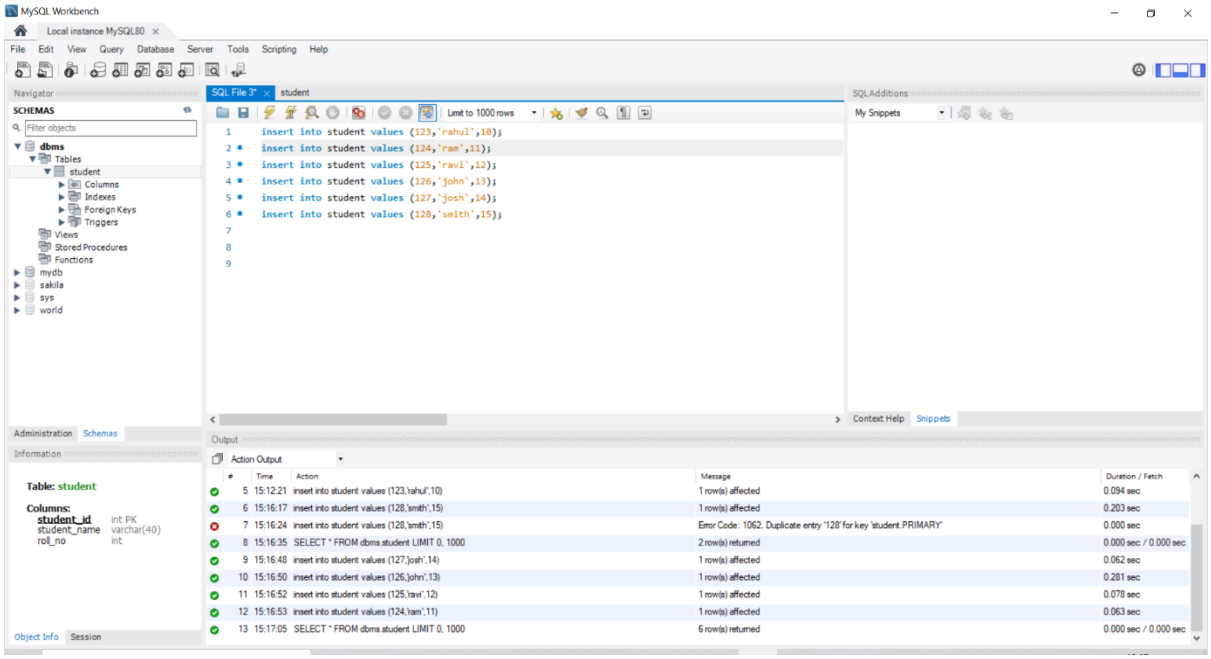
Output:



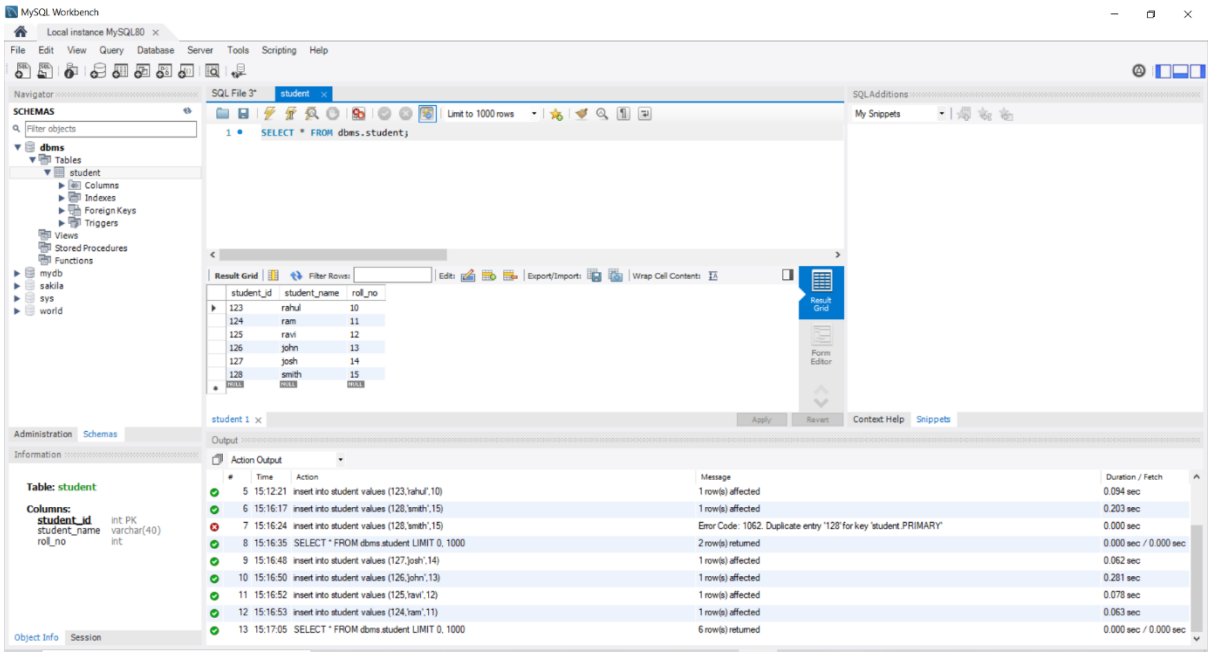
8. Insert 5 to 10 rows in each of the table of your database:

Query: insert into student values (123,'rahul',10);

Output:



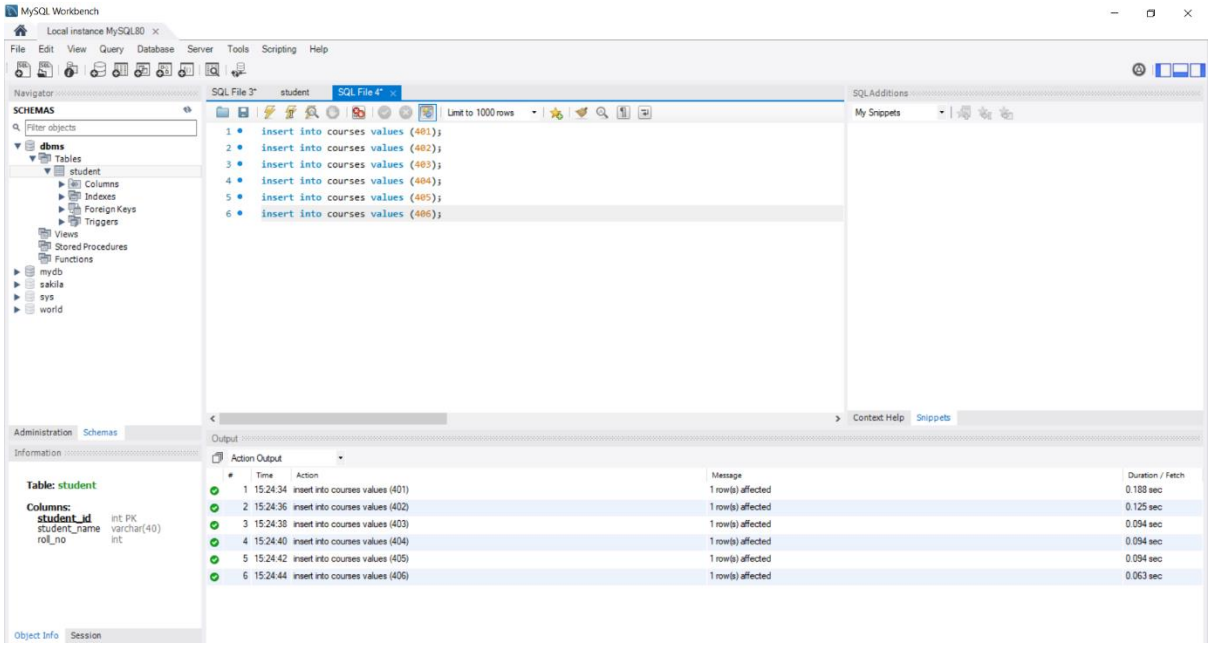
Checking in the result grid:



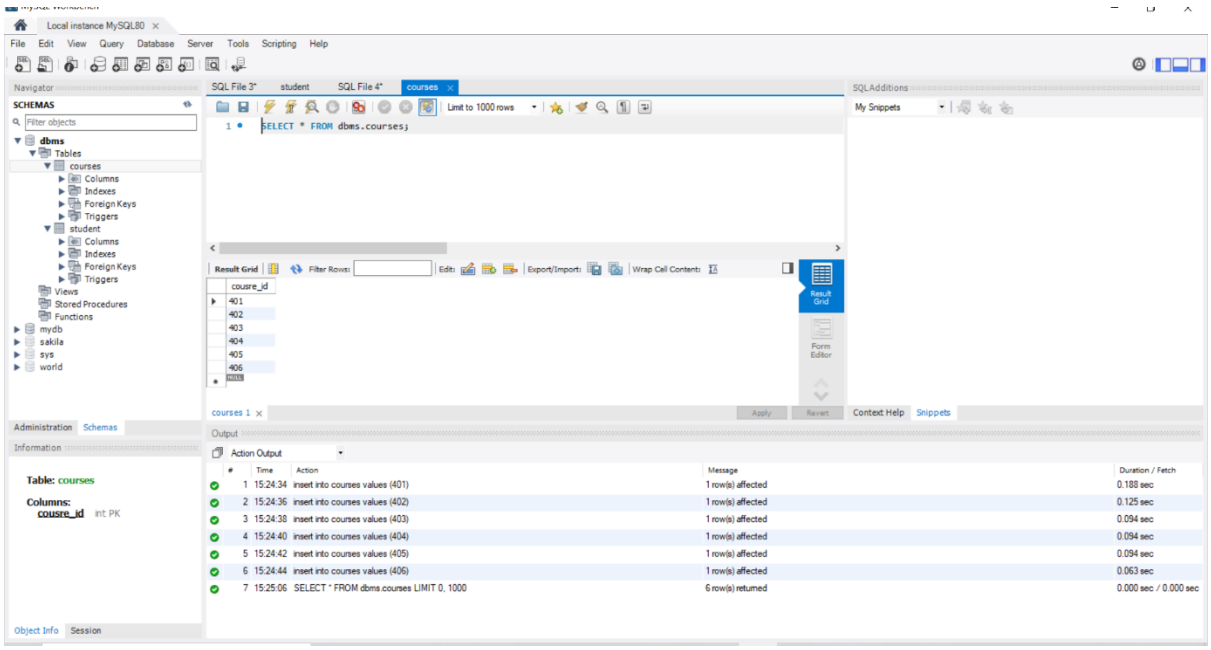
Inserting into courses table:

Query: insert into courses values (401);

Output:



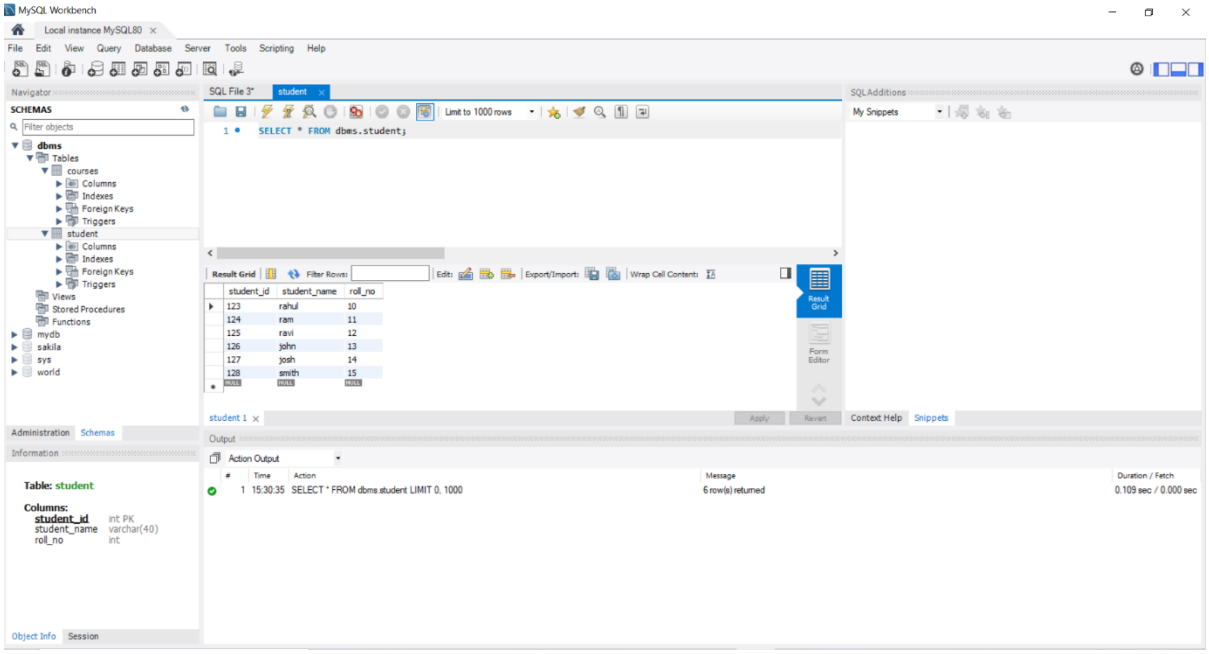
Checking in the result grid:



9. Show usage of simple select statement:

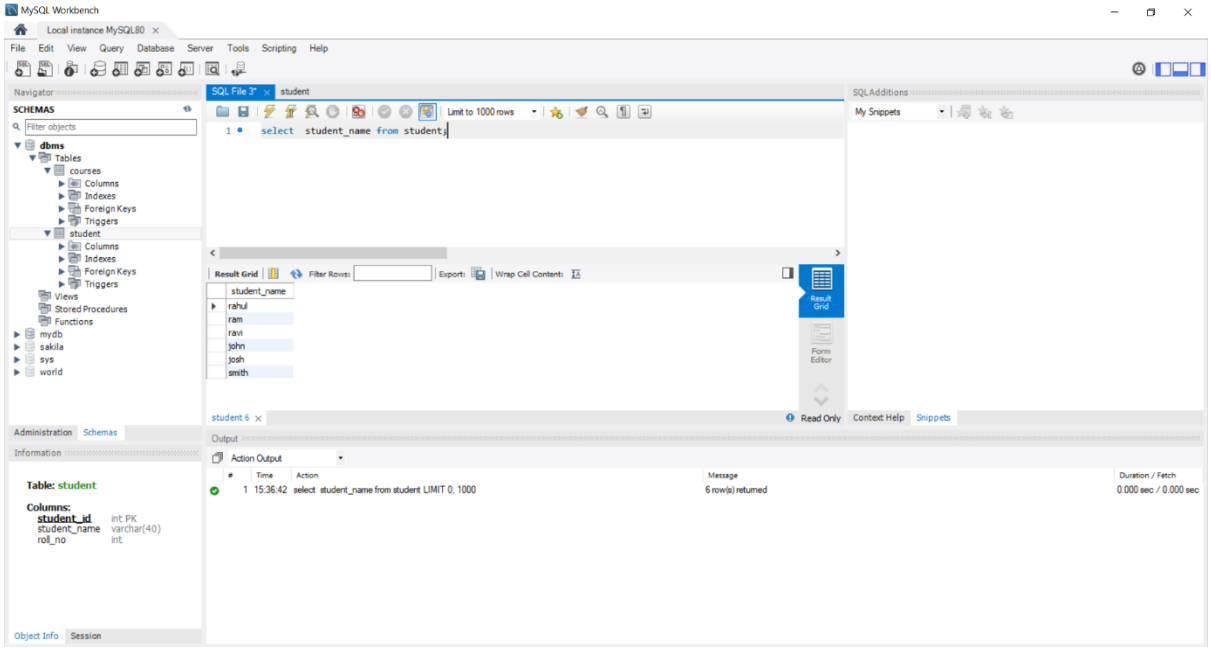
Query: select * from student;

Output:



Query: select student _ name from student;

Output:

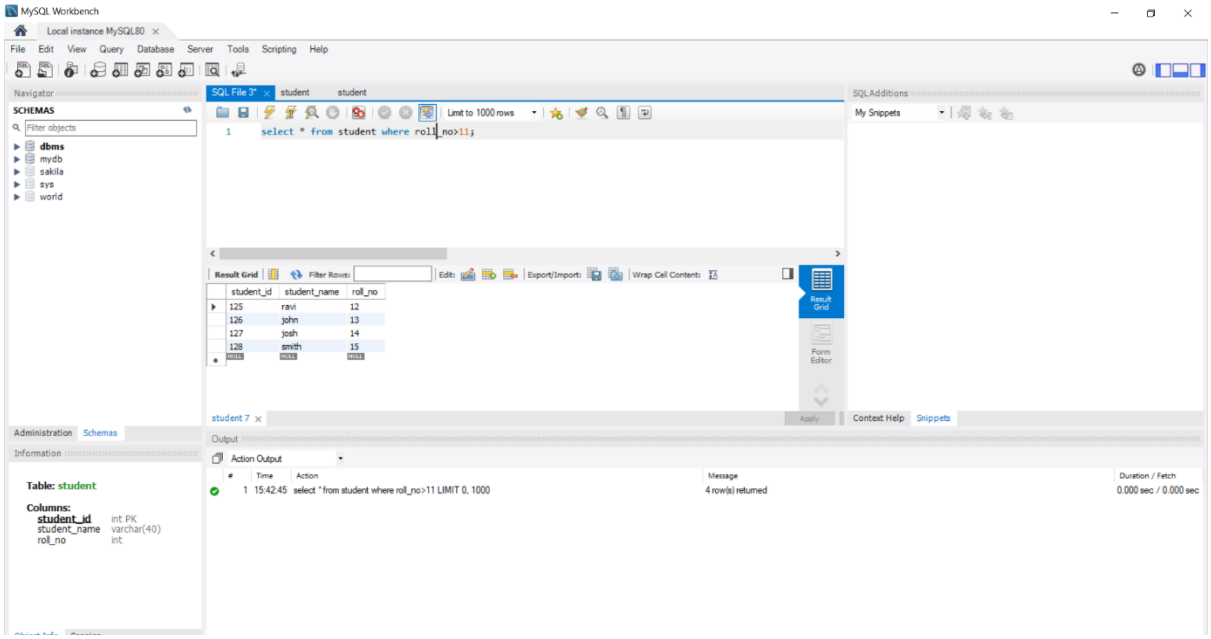


10**. select statement using relational and logical operators:**

a. **using relational operator “>”:**

query: select * from student where roll _no>11;

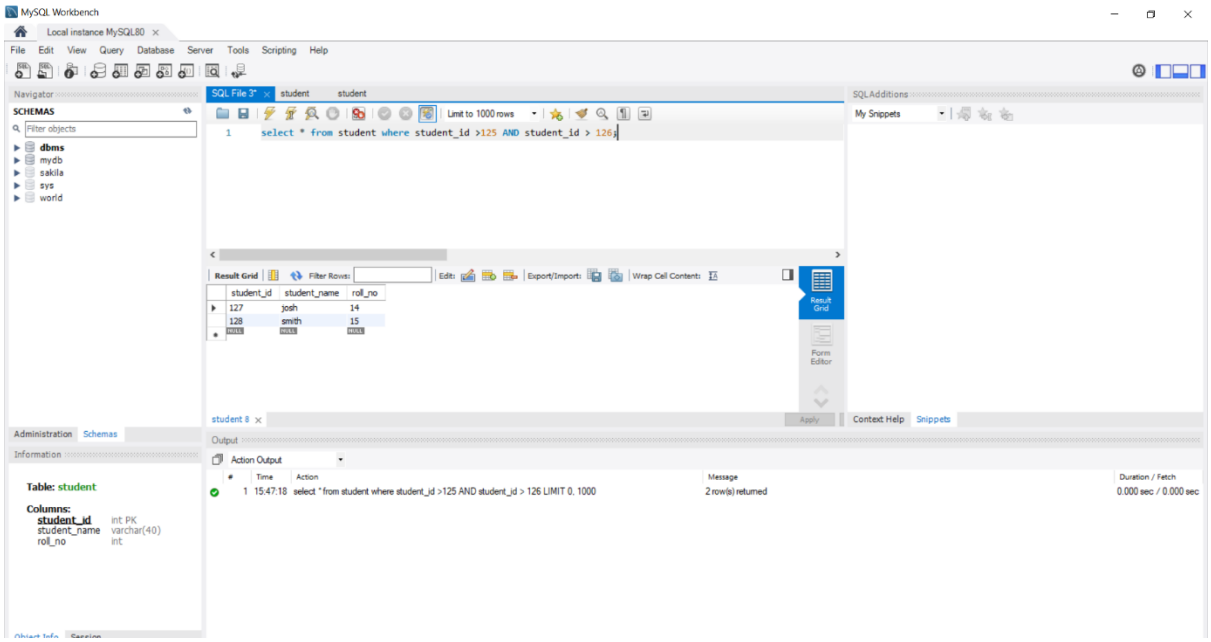
output:



b. **using logical operator AND;**

query: select * from student where student _ id >125 AND student _ id > 126;

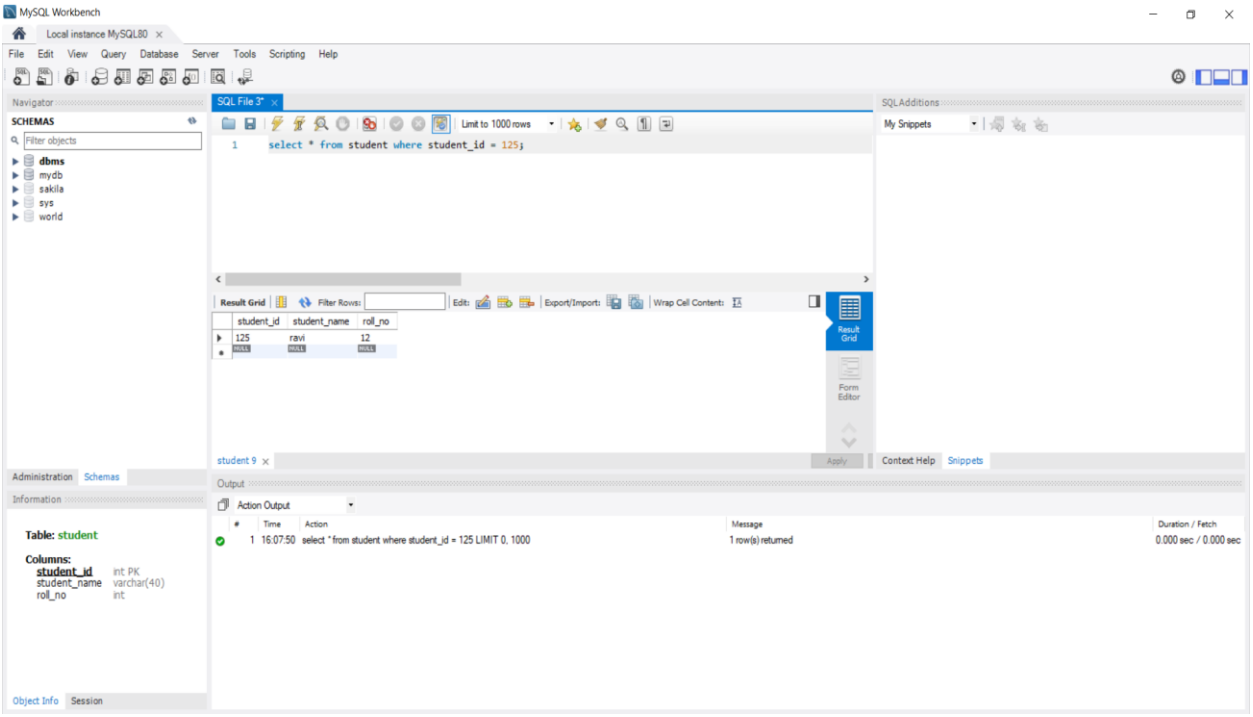
Output:



11**. one simple sub query using select:**

Query: select * from student where student _ id = 125;

Output:


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
dbms
mydb
sakila
sys
world
SQL File 3*
Limit to 1000 rows
1 select * from student where student_id = 125;
Result Grid
Filter Rows:
Edit:
Export/Import:
Wrap Cell Content:
student_id student_name roll_no
125 ravi 12
NULL NULL NULL
Result Grid
Form Editor
SQL Additions
My Snippets
student 9
Apply
Context Help
Snippets
Administration Schemas
Information
Table: student
Columns:
student_id int PK
student_name varchar(40)
roll_no int
Object Info Session
Output
Action Output
Time Action Message Duration / Fetch
1 16:07:50 select * from student where student_id = 125 LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec

END